Heather Shirley Smith
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February 28, 2017

The Honorable Jocelyn Boyd
Chief Clerk and Administrator
Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

RE: 2016 Testing Program of Meters
Docket No. 1989-499-E

Dear Mrs. Boyd:

Pursuant to 10 S.C. Code Ann. Reg. 103-370(1) and Order No. 90-131, Duke Energy Progress, LLC ("DEP") is authorized to use a sample meter testing plan for testing single-phase meters and three-phase (self-contained) meters, and to periodically test other meters in accordance with approved test plans. Note that the results represent combined North Carolina and South Carolina figures.

In 2016, there were no fast lots in the sample program.

Thank you for your attention to this matter. If you have any questions or require any additional information, please let me know.

Sincerely,

Heather Shirley Smith

Heather Shirley Smith

Enclosures

cc: Dawn Hipp, Office of Regulatory Staff
Shannon Hudson, Office of Regulatory Staff

Duke Energy Progress
2016 Watthour Meter Periodics
Watthour Meter Groupings

Group	Mfg.	Type(s)	Description	Test Plan	Sample Size	Population(as of selection time)	Sample Conclusion
840	Transdata	EMS, Mark-V	Three-phase, t-rated, solid state	Periodic	173	211	Pass
841	Transdata	EMS, Mark-B	Three-phase, t-rated, solid state	Periodic	135	162	Pass
843	Elster	A3	Three-phase, t-rated, demand and TOU	Periodic	581	3,823	Pass
846	ABB/ Elster	A1	Three-phase, t-rated, demand and TOU	Periodic	560	3,612	Pass
853	Landis & GYR	Focus AXR	Single-phase, t-rated, demand and TOU with NIC module	Periodic	478	7,892	Pass
854	Landis & GYR	Focus RXR	Three-phase,t-rated, demand and TOU with NIC module	Periodic	1015	18,693	Pass
855	Landis & GYR	Focus RXR	Three-phase,t-rated, demand and TOU with NIC module	Periodic	175	6,630	Pass
863	Elster	A3	Single-phase, t-rated, Demand and TOU	Periodic	88	1,565	Pass
875	Itron	Centron	Single-phase, t-rated, Demand and TOU	Periodic	1,104	18,427	Pass
935	Landis & Gyr	AXRS4E	Three-phase, self-contained Demand and TOU	Periodic	159	2,717	Pass

Duke Energy Progress
2016 Watthour Meter Samples
Watthour Meter Groupings

Group	Mfg.	Type(s)	Description	Test Plan	Sample Size	Population	Sample Conclusion
11	Elster	A1+	Single Phase, self-contained, demand and TOU	Double Sample Phase-I	162	1,868	Pass
12	Elster	A3	Single Phase, self-contained, demand and TOU	Double Sample Phase-I	166	5,526	Pass
16	Landis & Gyr	Focus AL	Single Phase, self-contained, with ERT Module	Double Sample Phase-I	172	3,371	Pass
20	Itron	Centron	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	173	3,668	Pass
21	Itron	Centron	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	176	312,626	Pass
22	Itron	Centron	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	173	31,182	Pass
23	Itron	Centron	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	165	249,944	Pass
24	Itron	Centron	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	177	231,539	Pass
25	Itron	Centron	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	166	249,976	Pass
26	Itron	Centron	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	177	117,612	Pass
27	Itron	Centron	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	180	164,327	Pass
30	General Electric	EV, I70,KV, KV2	Single Phase, self-contained, demand and TOU	Double Sample Phase-I	181	721	Pass

35	ABB/ Elster	A1	Single Phase self-contained, demand and TOU	Double Sample Phase-I	183	1,504	Pass
36	General Electric	I210	Single-phase, self-contained, with ERT Module	Double Sample Phase-I	165	11,016	Pass
43	Landis & Gyr	Focus AXR	Three-phase self-contained, demand and TOU	Double Sample Phase-I	171	4,425	Pass
44	Landis & Gyr	Focus AXR	Single-phase self-contained, demand and TOU	Double Sample Phase-I	166	23,507	Pass
46	Itron	Centron, Sentinel	Three-phase and network, self-contained with ERT Module	Double Sample Phase-I	167	36,738	Pass
47	Itron	Centron, Sentinel	Three-phase and network, self-contained with ERT Module	Double Sample Phase-I	167	11,618	Pass
51	Elster	A3	Three-phase and network, self-contained, demand and TOU	Double Sample Phase I	178	834	Pass
65	Elster	A3	Single-phase, self-contained, demand and TOU	Double Sample Phase I	186	1,545	Pass

Duke Energy Progress
Meter Classification Key

A break-down of the code used for the DEP meter classifications ** ** ** (12 34 56).

For example: SS *1 NI, would be a Solid-State meter either self contained or T-rated Non-initiating

For positions 12
ND = Non-Demand
TD = Thermal Demand
MD = Mechanical Demand
ED = Electronic Demand (hybrid)
TO = Time-of-use
TR = Transducer
SS = Solid-State meter
RE = Recorder
VV = Volt-Squared Hour
SD = Solid-State Demand
ST = Solid-State TOU
SP = Solid-State Prepay

For positions 34
S = Self contained
T = Transformer Rated
1 = Single Phase
3 = Three Phase

For Positions 56
NI = Non-Initiating
WI=With-Initiating

Duke Energy Progress

2016 FIELD PERIODIC

Watthour Meter Group P-840 Summary

Group Information

Manufacturer: TRANSDATA

Watthour Meter Type(s): MARK V,EMS

PE Type Code(s): Z03,Z04,Z05,Z06,Z07,Z08,Z09,Z17,Z18,Z19,Z20,Z21,Z31,Z32,Z34,Z35,Z38,Z39, Z40,Z41,Z42,Z43,Z44,Z45,Z46,Z47,Z48,Z49,Z50,Z51,Z52,Z53,Z54,Z55,Z56,Z57, Z58,Z59,Z61,Z62,Z63,Z64,Z65,Z66,Z67,Z68,Z69,Z70,Z71,Z72,Z73,Z74,Z75,Z76, Z77,Z78,Z79,Z80

Meter Classification: SST3WI

Methodology: Periodic Test

Population: 211

Sample Size: 182

Weighted Average Test Summary

Mean: 99.935

Standard Deviation: 0.1158

Number of Test > 102%: 0

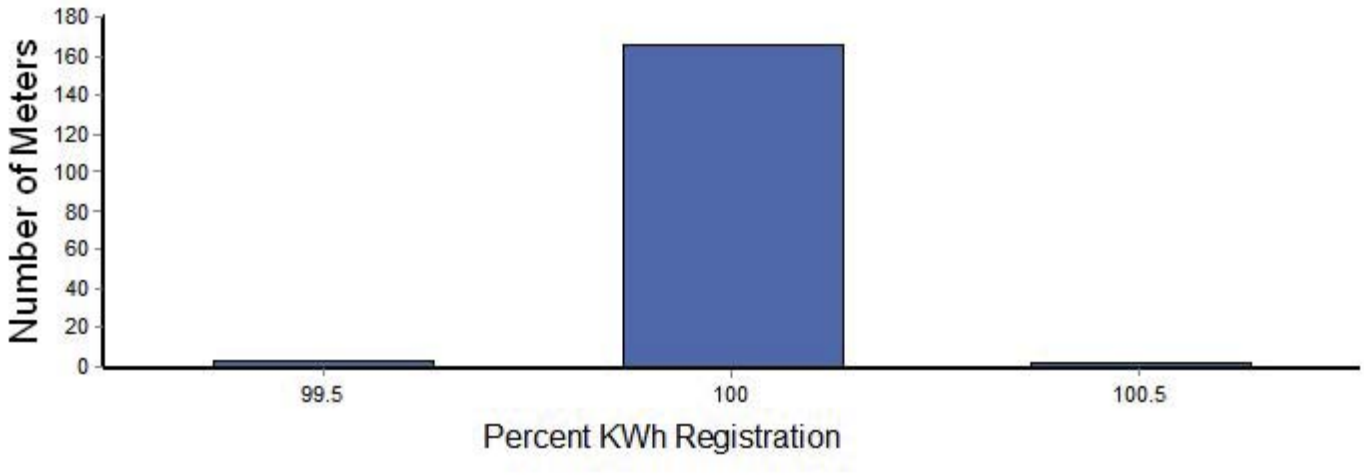
Number of Test 98 - 102%: 173

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 2

Histogram of Group P-840 Meter Accuracies



Duke Energy Progress

2016 FIELD PERIODIC

Watthour Meter Group P-841 Summary

Group Information

Manufacturer: TRANSDATA

Watthour Meter Type(s): TRANSDATA MARK V

PE Type Code(s): Z81,Z82,Z83,Z84,Z85,Z86,Z87,Z88,Z90,Z92,Z93,Z94,Z96,Z97,Z99

Meter Classification: STT3WI

Methodology: Periodic Test

Population: 162

Sample Size: 142

Weighted Average Test Summary

Mean: 99.949

Standard Deviation: 0.1078

Number of Test > 102%: 0

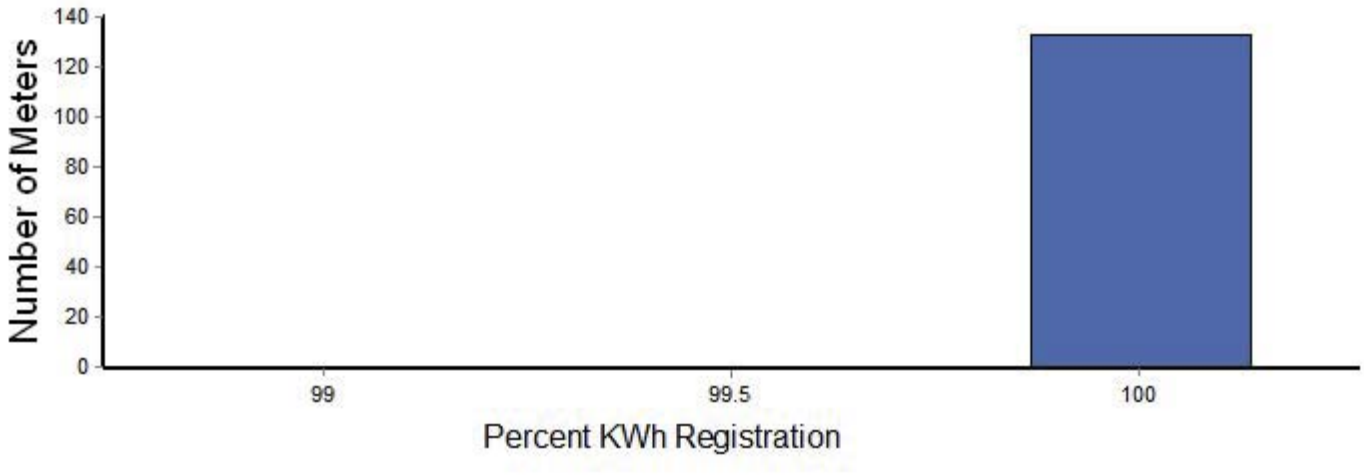
Number of Test 98 - 102%: 135

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 2

Histogram of Group P-841 Meter Accuracies



Duke Energy Progress

2016 FIELD PERIODIC

Watthour Meter Group P-843 Summary

Group Information

Manufacturer: ELSTER/ABB/WESTINGHOUSE

Watthour Meter Type(s): A3

PE Type Code(s): TK1,TK2,TK3,TK4,TK7,TK8,TK9,TL1,TL2,TL3,TL4,TL5,TL7,TL8,TL9,TM1,TM2,TM3, TM4,TM5,TM6,TM7,TM8,TM9,TN4,TN5,TN6,TN7,TN8,TO2,TO3,TO4,TO5,TO6,TO7,TO8, TO9,TP2,TP3,TP4,TP5,TP6,TP7,TP8,TP9,TQ1,TQ2,TQ3,TQ4,TQ5,TQ6,TQ8,TQ9,TR1, TR2,TR3,TR4,TR5,TR6,TR7,TR9,TS1,TS3,TS4

Meter Classification: S*T3*I

Methodology: Periodic Test

Population: 3823

Sample Size: 668

Weighted Average Test Summary

Mean: 99.928

Standard Deviation: 0.0807

Number of Test > 102%: 0

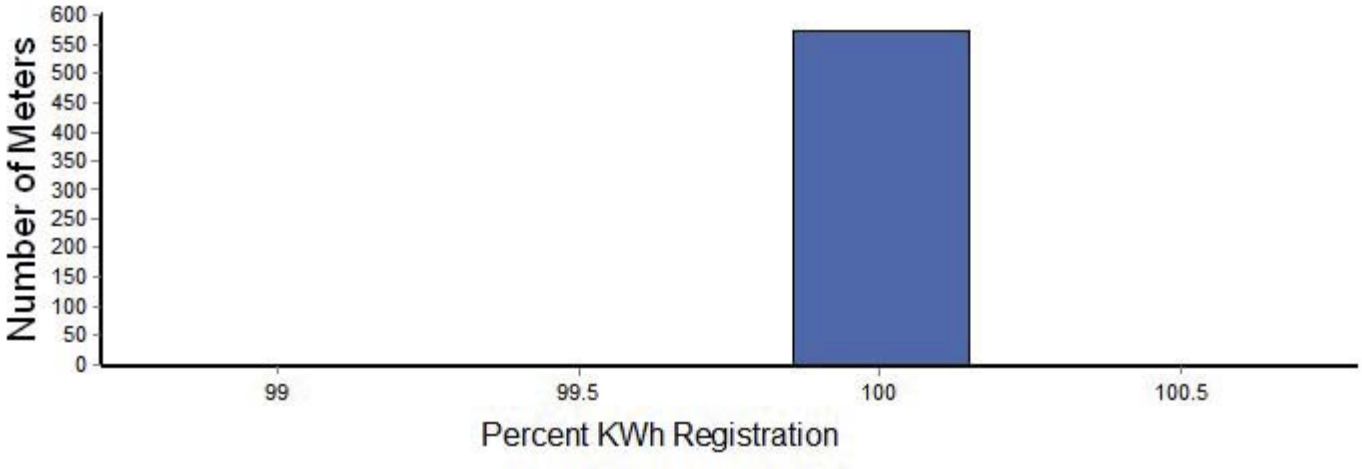
Number of Test 98 - 102%: 581

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 12

Histogram of Group P-843 Meter Accuracies



Duke Energy Progress

2016 FIELD PERIODIC

Watthour Meter Group P-846 Summary

Group Information

Manufacturer: ELSTER/ABB/WESTINGHOUSE

Watthour Meter Type(s): A1,A3

PE Type Code(s): TA3,TA4,TA5,TA6,TA7,TA8,TC7,TC9,TD5,TD6,TD7,TD8,TF3,TF4,TF5,TF6,TH1,TH2, TH3,TH4,TH6,TH7,TH8,TH9,TJ1,TJ2,TJ3,TJ4,TJ5,TJ6,TJ8,TJ9,TN1,TN2

Meter Classification: S*T3*I

Methodology: Periodic Test

Population: 3612

Sample Size: 607

Weighted Average Test Summary

Mean: 99.858

Standard Deviation: 0.6996

Number of Test > 102%: 0

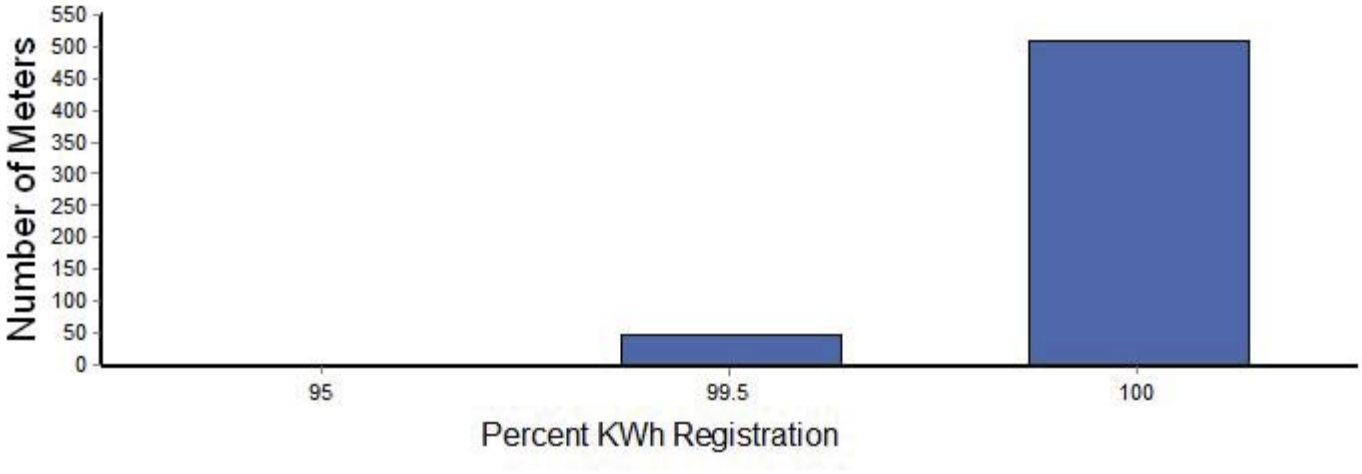
Number of Test 98 - 102%: 559

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 12

Histogram of Group P-846 Meter Accuracies



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2016 FIELD PERIODIC

Watthour Meter Group P-853 Summary

Group Information

Manufacturer: LANDIS & GYR/DUNCAN

Watthour Meter Type(s): FOCUS AXR

PE Type Code(s): K50

Meter Classification: STT1NI

Methodology: Periodic Test

Population: 7892

Sample Size: 493

Weighted Average Test Summary

Mean: 99.983

Standard Deviation: 0.0775

Number of Test > 102%: 0

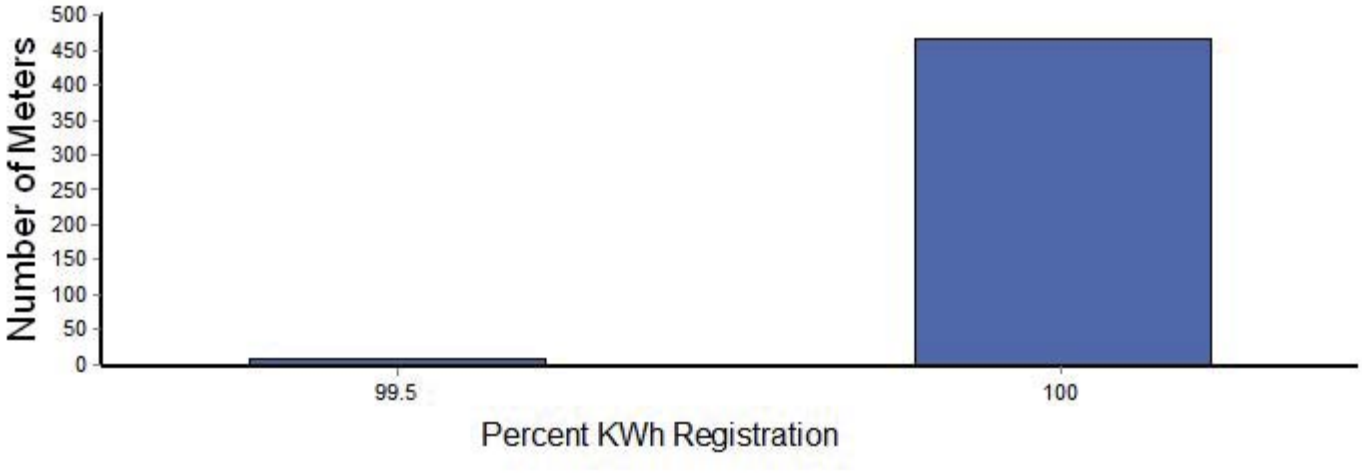
Number of Test 98 - 102%: 478

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 10

Histogram of Group P-853 Meter Accuracies



Duke Energy Progress

2016 FIELD PERIODIC

Watthour Meter Group P-854 Summary

Group Information

Manufacturer: LANDIS & GYR/DUNCAN

Watthour Meter Type(s): FOCUS RXR

PE Type Code(s): K51

Meter Classification: STT3NI

Methodology: Periodic Test

Population: 18693

Sample Size: 1685

Weighted Average Test Summary

Mean: 99.909

Standard Deviation: 0.9189

Number of Test > 102%: 0

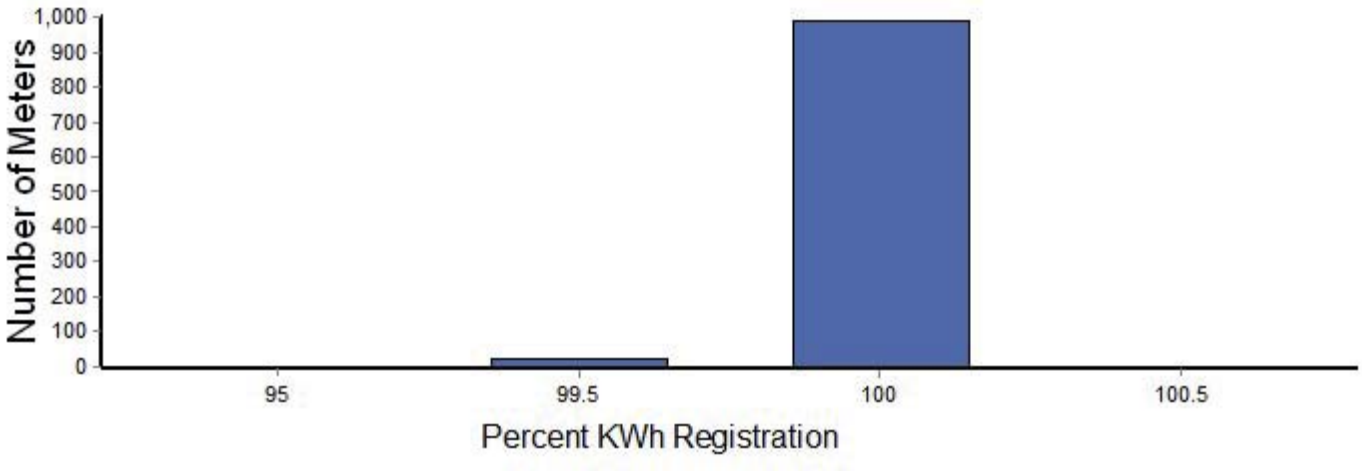
Number of Test 98 - 102%: 1014

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 24

Histogram of Group P-854 Meter Accuracies



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2016 FIELD PERIODIC

Watthour Meter Group P-855 Summary

Group Information

Manufacturer: LANDIS & GYR/DUNCAN

Watthour Meter Type(s): FOCUS RXR

PE Type Code(s): K52

Meter Classification: STT3NI

Methodology: Periodic Test

Population: 6630

Sample Size: 441

Weighted Average Test Summary

Mean: 99.943

Standard Deviation: 0.0879

Number of Test > 102%: 0

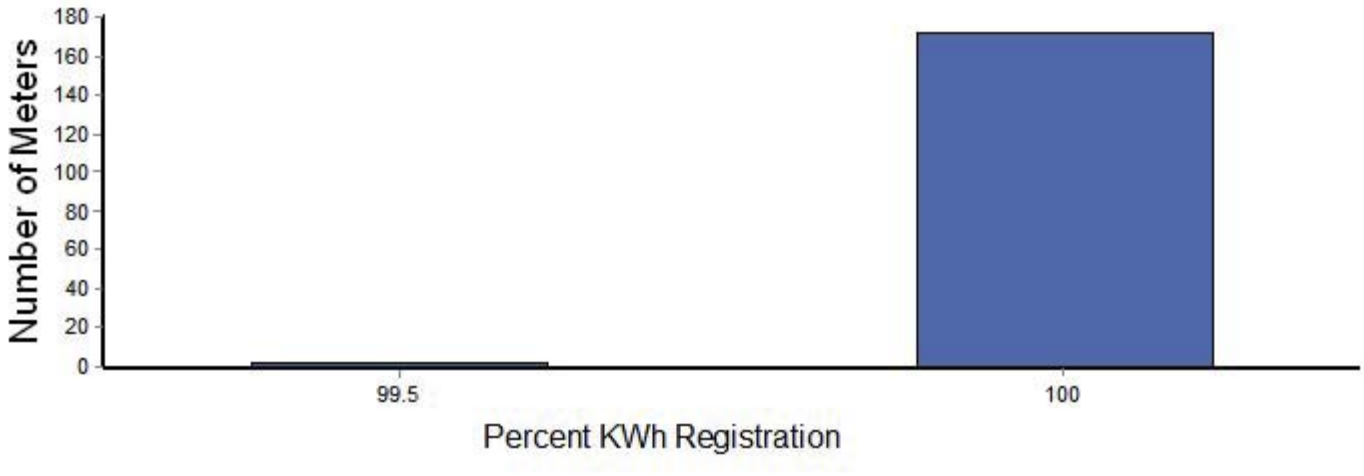
Number of Test 98 - 102%: 175

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 3

Histogram of Group P-855 Meter Accuracies



Duke Energy Progress

2016 FIELD PERIODIC

Watthour Meter Group P-863 Summary

Group Information

Manufacturer: ELSTER/ABB/WESTINGHOUSE

Watthour Meter Type(s): A3

PE Type Code(s): TK5,TK6,TL6,TN3,TN9,TO1,TP1,TQ7,TR8,TS2

Meter Classification: STT1*I

Methodology: Periodic Test

Population: 1565

Sample Size: 97

Weighted Average Test Summary

Mean: 99.879

Standard Deviation: 0.0752

Number of Test > 102%: 0

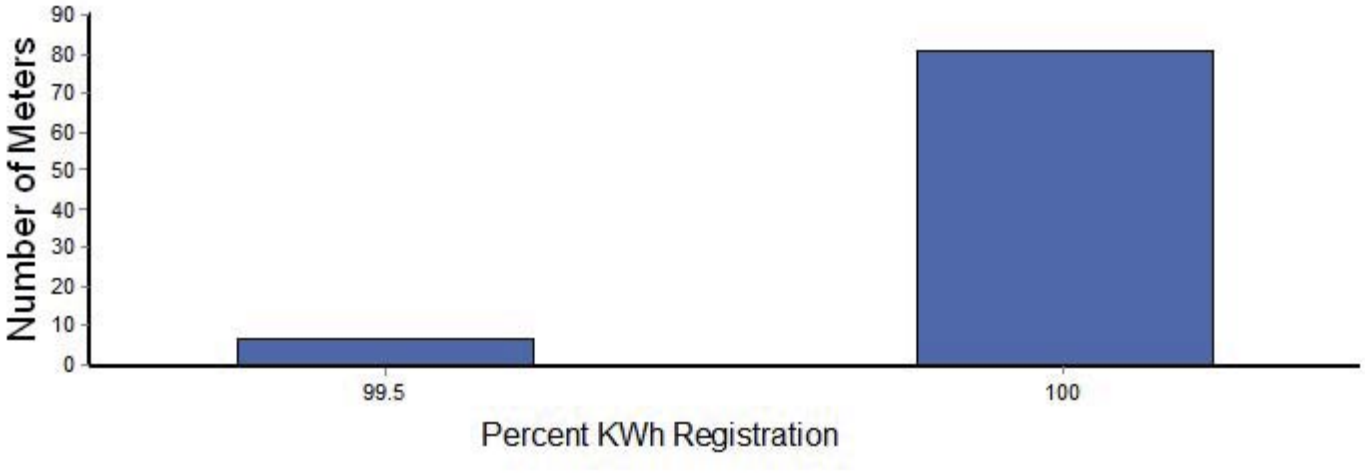
Number of Test 98 - 102%: 88

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 1

Histogram of Group P-863 Meter Accuracies



Duke Energy Progress

2016 FIELD PERIODIC

Watthour Meter Group P-875 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): CENTRON

PE Type Code(s): M33,M34

Meter Classification: SST1NI

Methodology: Periodic Test

Population: 18427

Sample Size: 1153

Weighted Average Test Summary

Mean: 99.95

Standard Deviation: 0.1171

Number of Test > 102%: 0

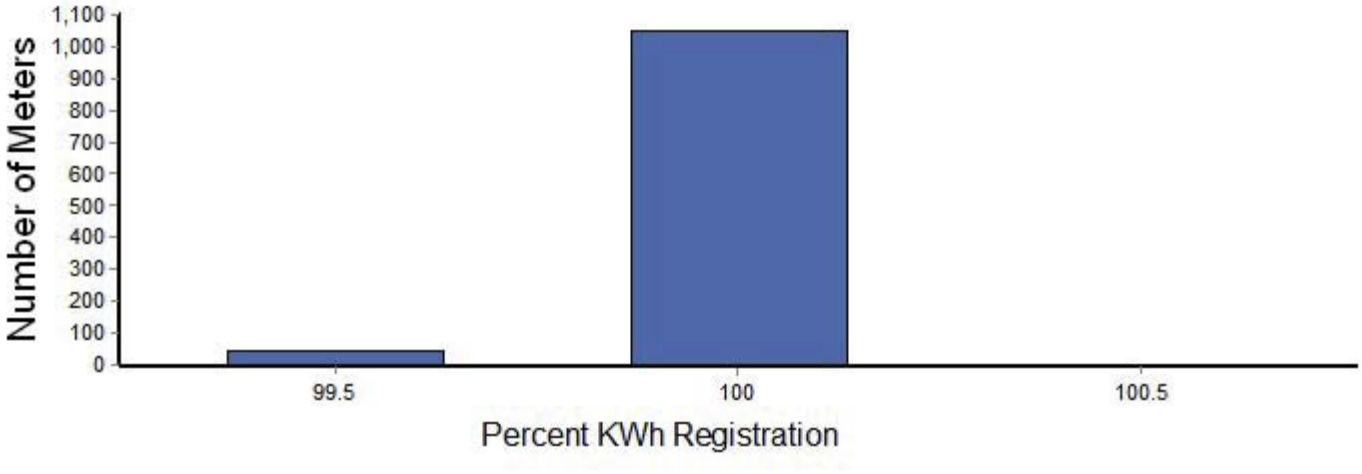
Number of Test 98 - 102%: 1104

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 26

Histogram of Group P-875 Meter Accuracies



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2016 FIELD PERIODIC

Watthour Meter Group P-935 Summary

Group Information

Manufacturer: LANDIS & GYR/DUNCAN

Watthour Meter Type(s): AXRS4E

PE Type Code(s): C25

Meter Classification: STS3NI

Methodology: Periodic Test

Population: 2717

Sample Size: 169

Weighted Average Test Summary

Mean: 99.795

Standard Deviation: 5.0238

Number of Test > 102%: 0

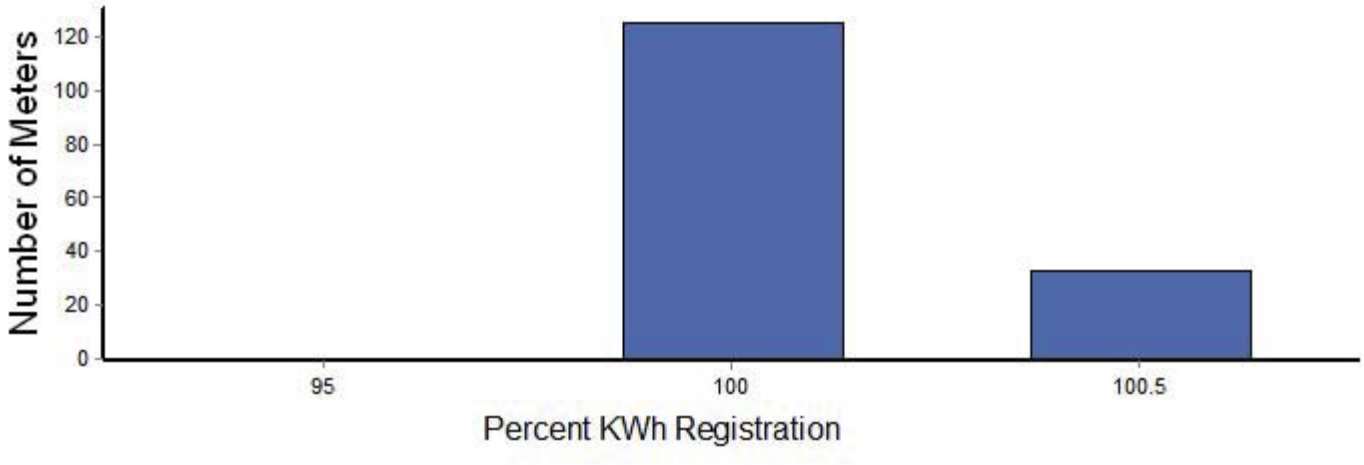
Number of Test 98 - 102%: 158

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Periodic test since the number of fast watthour meters is less than 2

Histogram of Group P-935 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-011 Summary

Group Information

Manufacturer: ELSTER/ABB/WESTINGHOUSE

Watthour Meter Type(s): A1+

PE Type Code(s): H38,H39,H40

Meter Classification: S*S1NI

Methodology: Double Sampling Ph 1

Population: 1868

Sample Size: 185

Weighted Average Test Summary

Mean: 99.8

Standard Deviation: 1.1568

Number of Test > 102%: 0

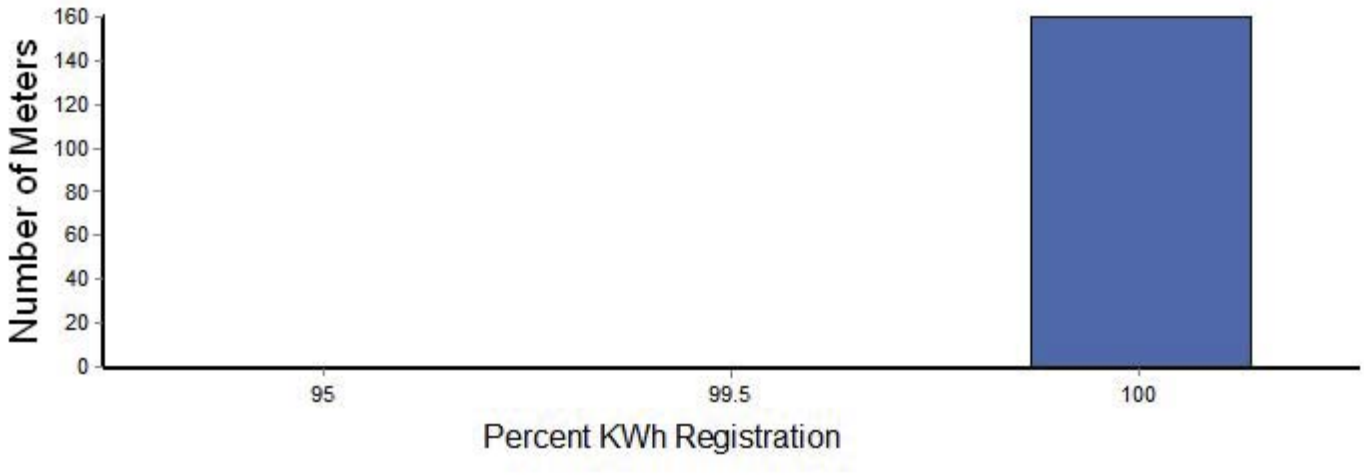
Number of Test 98 - 102%: 161

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-011 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-012 Summary

Group Information

Manufacturer: ELSTER/ABB/WESTINGHOUSE

Watthour Meter Type(s): A3

PE Type Code(s): H43,H44,H52,H53,H62

Meter Classification: S*S1NI

Methodology: Double Sampling Ph 1

Population: 5526

Sample Size: 184

Weighted Average Test Summary

Mean: 99.933

Standard Deviation: 0.3243

Number of Test > 102%: 0

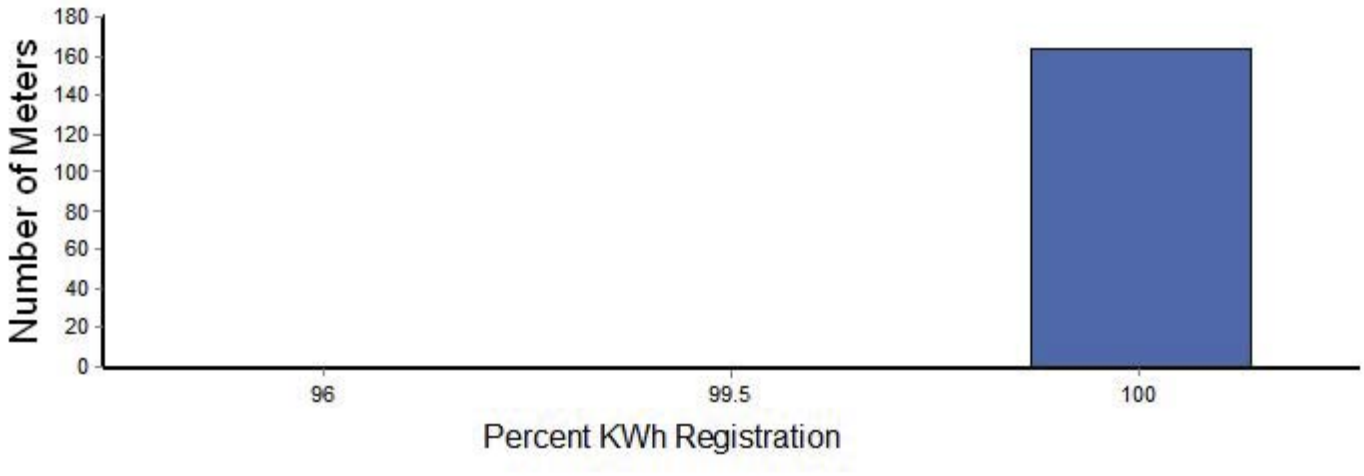
Number of Test 98 - 102%: 165

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-012 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-016 Summary

Group Information

Manufacturer: LANDIS & GYR/DUNCAN

Watthour Meter Type(s): FOCUS AL

PE Type Code(s): D21

Meter Classification: SSS1NI

Methodology: Double Sampling Ph 1

Population: 3371

Sample Size: 185

Weighted Average Test Summary

Mean: 99.91

Standard Deviation: 0.7731

Number of Test > 102%: 0

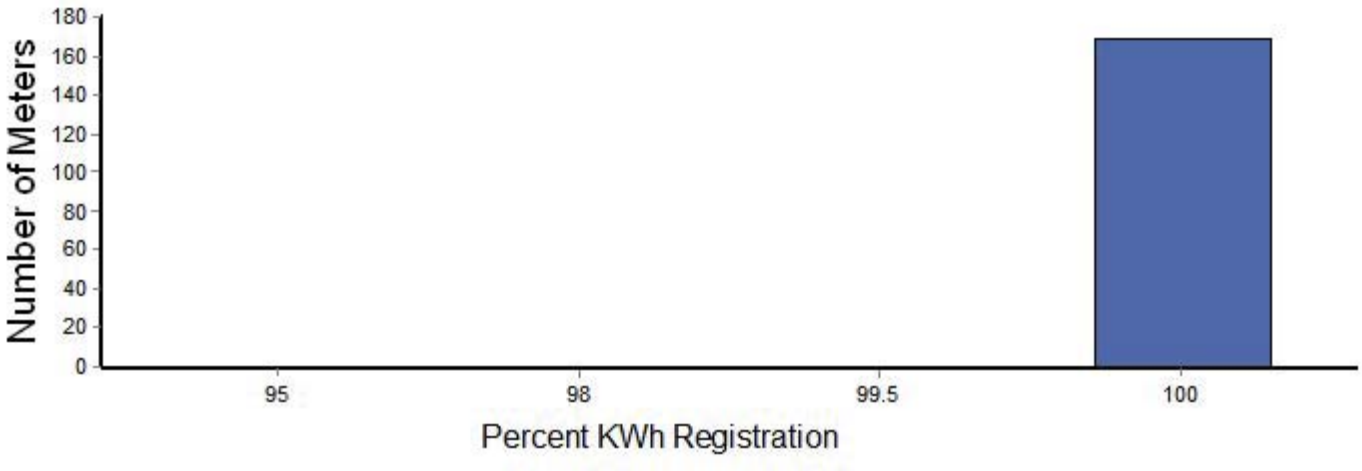
Number of Test 98 - 102%: 171

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-016 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-020 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): CENTRON

PE Type Code(s): S24

Meter Classification: SSS1NI

Methodology: Double Sampling Ph 1

Population: 3668

Sample Size: 185

Weighted Average Test Summary

Mean: 99.755

Standard Deviation: 1.5163

Number of Test > 102%: 0

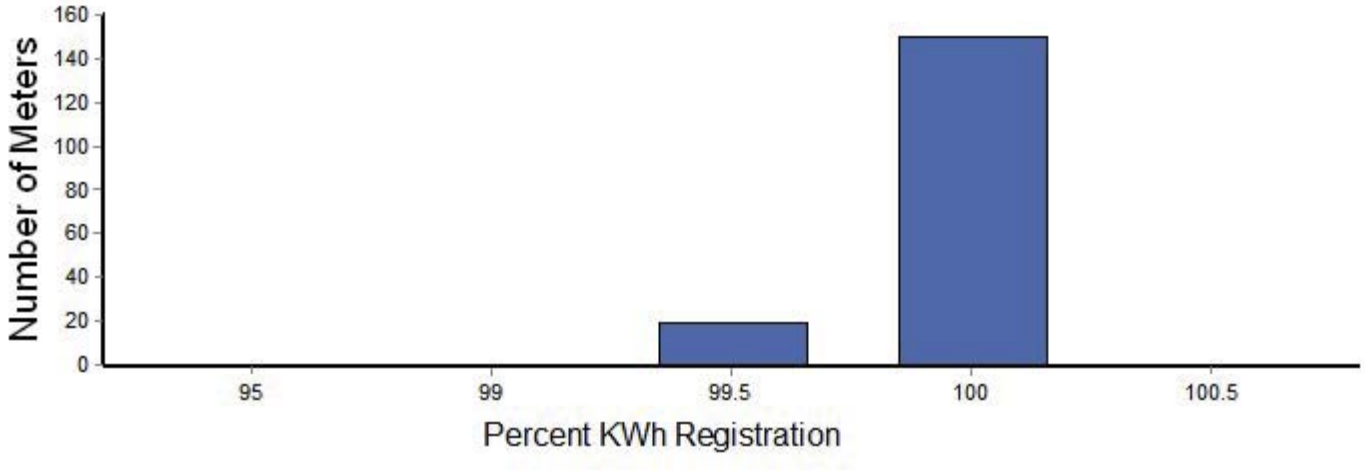
Number of Test 98 - 102%: 172

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-020 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-021 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): C1SR

PE Type Code(s): S25

Meter Classification: SSS1NI MMR

Methodology: Double Sampling Ph 1

Population: 312626

Sample Size: 185

Weighted Average Test Summary

Mean: 100.016

Standard Deviation: 0.1058

Number of Test > 102%: 0

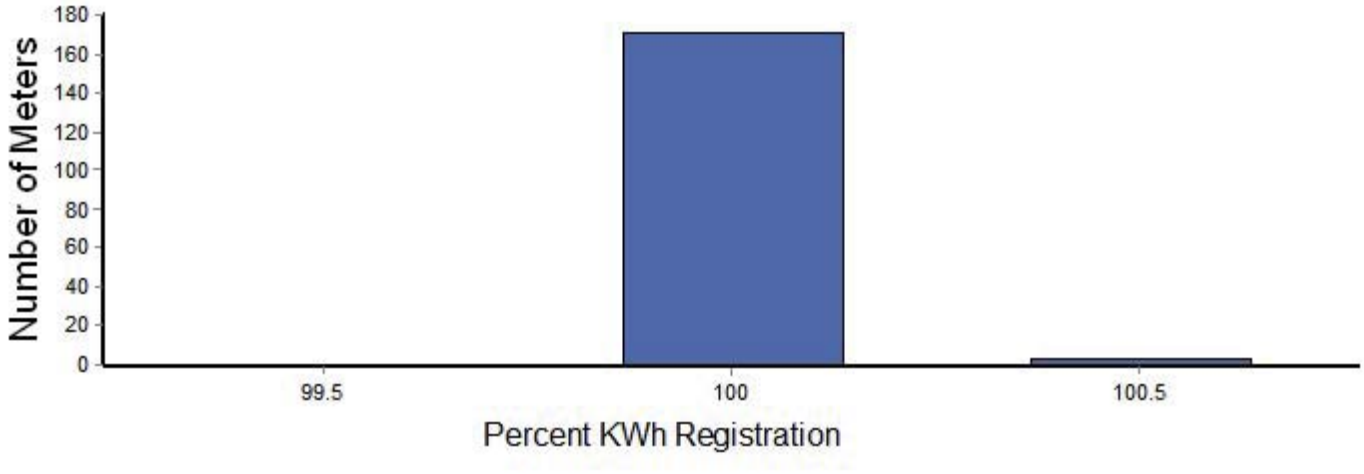
Number of Test 98 - 102%: 176

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-021 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-022 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): C1SR

PE Type Code(s): S26

Meter Classification: SSS1NI MMR

Methodology: Double Sampling Ph 1

Population: 32182

Sample Size: 185

Weighted Average Test Summary

Mean: 100.038

Standard Deviation: 0.1209

Number of Test > 102%: 0

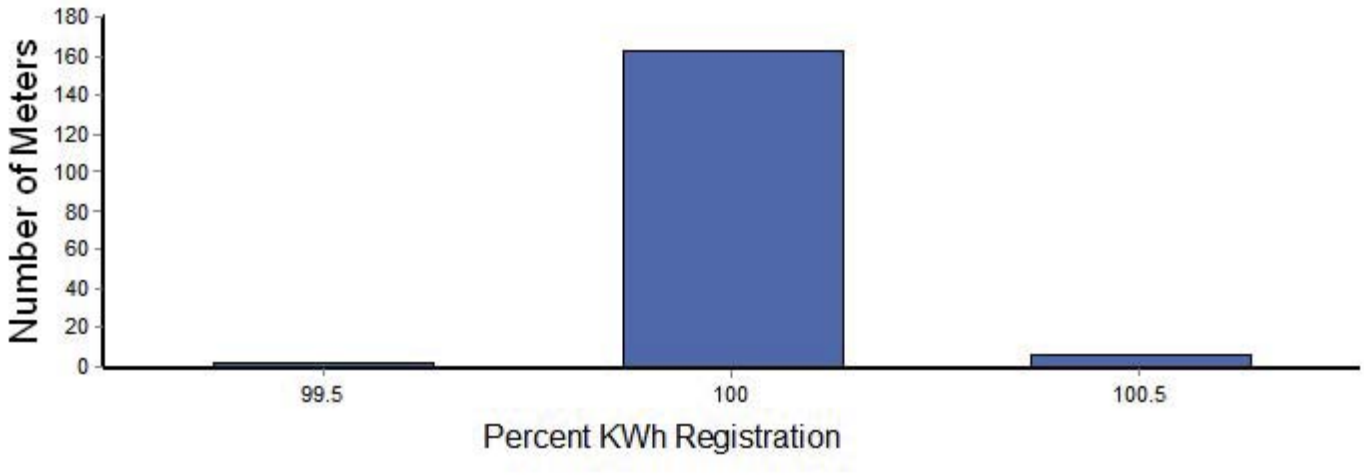
Number of Test 98 - 102%: 173

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-022 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-023 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): C1SR

PE Type Code(s): S27

Meter Classification: SSS1NI MMR

Methodology: Double Sampling Ph 1

Population: 249944

Sample Size: 185

Weighted Average Test Summary

Mean: 99.967

Standard Deviation: 0.0951

Number of Test > 102%: 0

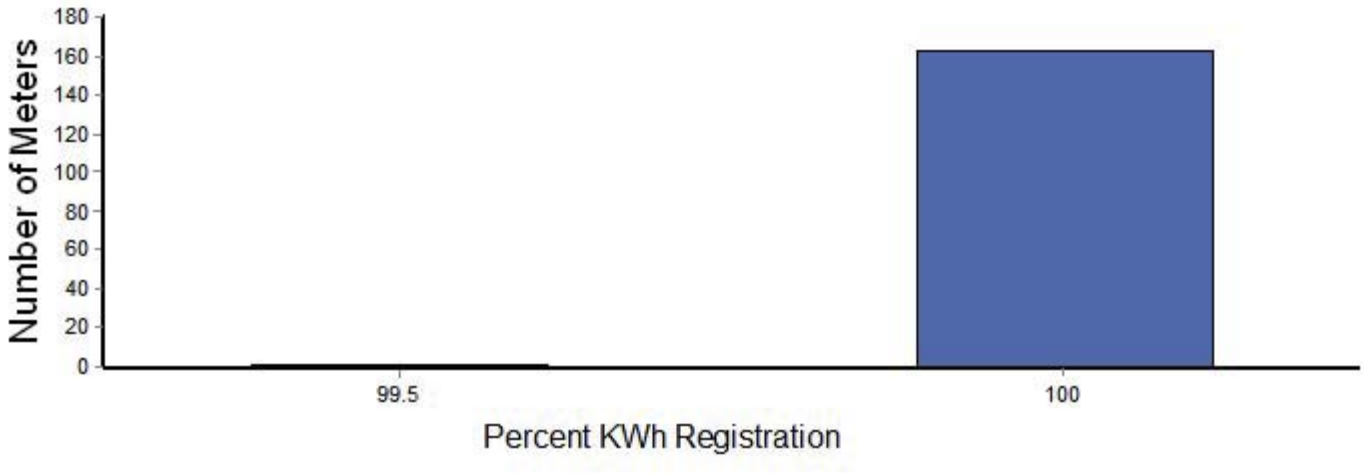
Number of Test 98 - 102%: 165

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-023 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-024 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): C1SR

PE Type Code(s): S28

Meter Classification: SSS1NI MMR

Methodology: Double Sampling Ph 1

Population: 231539

Sample Size: 185

Weighted Average Test Summary

Mean: 99.975

Standard Deviation: 0.11

Number of Test > 102%: 0

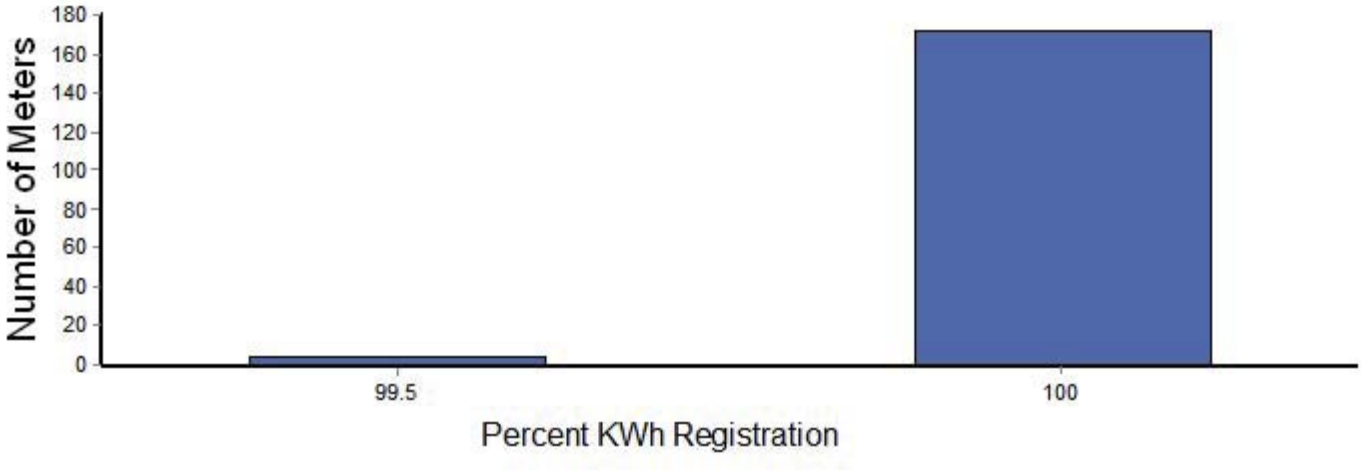
Number of Test 98 - 102%: 177

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-024 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-025 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): CENTRON (C1SR)

PE Type Code(s): S29

Meter Classification: SSS1NI MMR

Methodology: Double Sampling Ph 1

Population: 249976

Sample Size: 185

Weighted Average Test Summary

Mean: 99.928

Standard Deviation: 0.116

Number of Test > 102%: 0

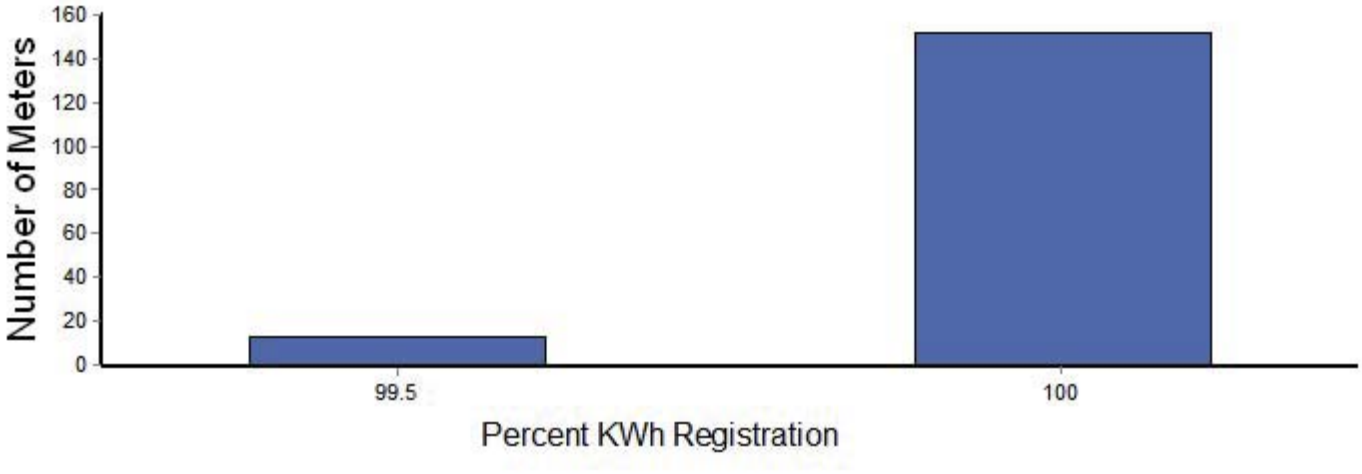
Number of Test 98 - 102%: 166

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-025 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-026 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): CENTRON (C1SR)

PE Type Code(s): S30

Meter Classification: SSS1NI MMR

Methodology: Double Sampling Ph 1

Population: 117612

Sample Size: 185

Weighted Average Test Summary

Mean: 99.795

Standard Deviation: 1.7205

Number of Test > 102%: 0

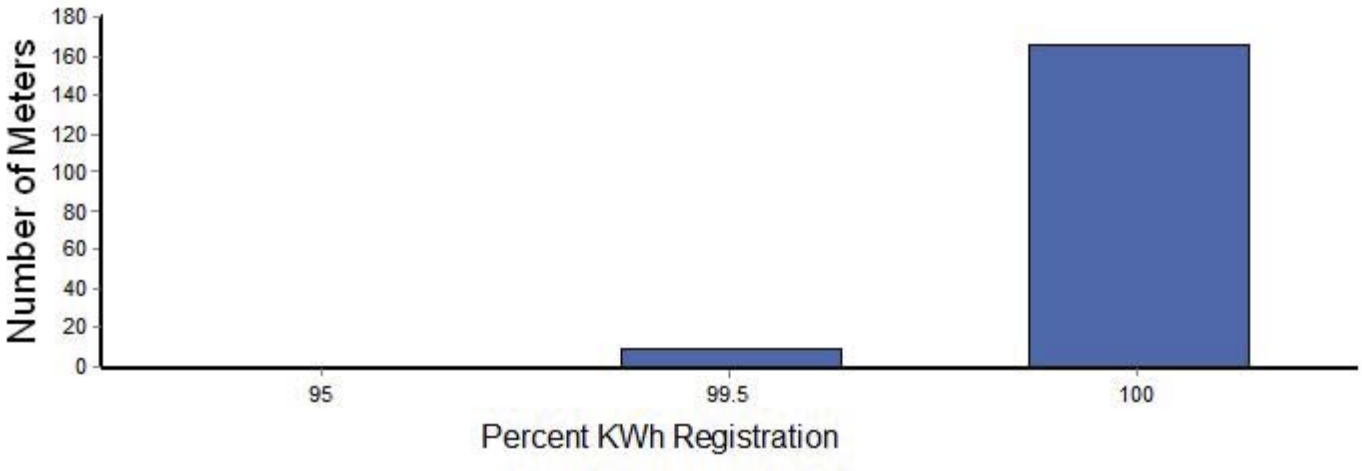
Number of Test 98 - 102%: 176

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-026 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-027 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): CENTRON (C1SR)

PE Type Code(s): S31

Meter Classification: SSS1NI

Methodology: Double Sampling Ph 1

Population: 164327

Sample Size: 185

Weighted Average Test Summary

Mean: 99.976

Standard Deviation: 0.0943

Number of Test > 102%: 0

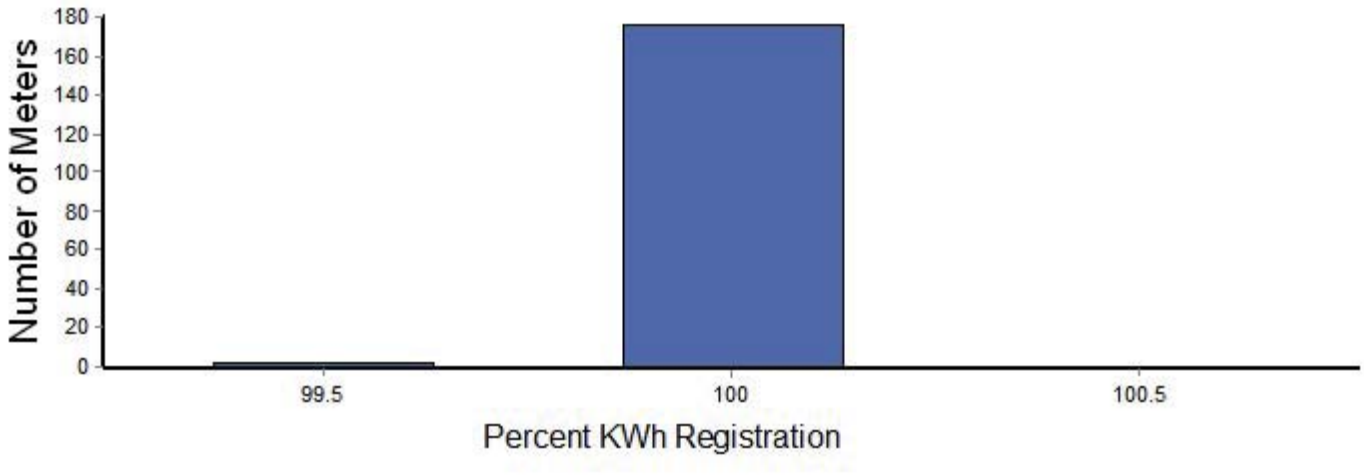
Number of Test 98 - 102%: 180

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-027 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-030 Summary

Group Information

Manufacturer: GENERAL ELECTRIC

Watthour Meter Type(s): EV,KV,KV2,I70

PE Type Code(s): E42,E43,E44,E45,E46,E47,E48,E49,E50,E51,E52,E53

Meter Classification: S*S1NI

Methodology: Double Sampling Ph 1

Population: 721

Sample Size: 184

Weighted Average Test Summary

Mean: 99.605

Standard Deviation: 2.8389

Number of Test > 102%: 0

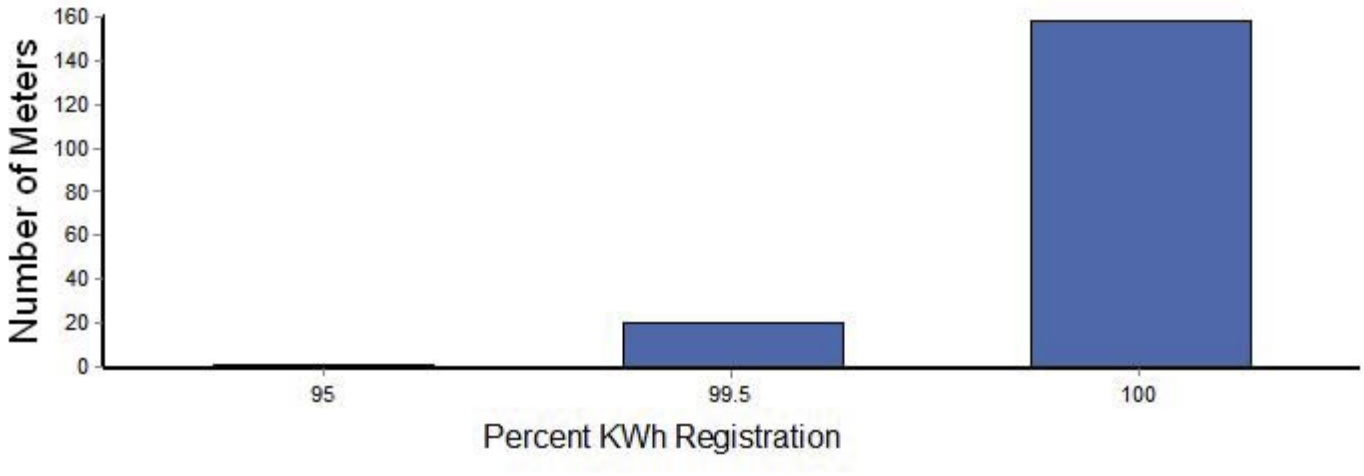
Number of Test 98 - 102%: 179

Number of Test < 98%: 2

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-030 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-035 Summary

Group Information

Manufacturer: ELSTER/ABB/WESTINGHOUSE

Watthour Meter Type(s): A1

PE Type Code(s): H21,H22,H23,H24,H25,H30,H31,H32,H33,H34,H35,H36,H37

Meter Classification: S*S1*I

Methodology: Double Sampling Ph 1

Population: 1504

Sample Size: 186

Weighted Average Test Summary

Mean: 99.969

Standard Deviation: 0.0768

Number of Test > 102%: 0

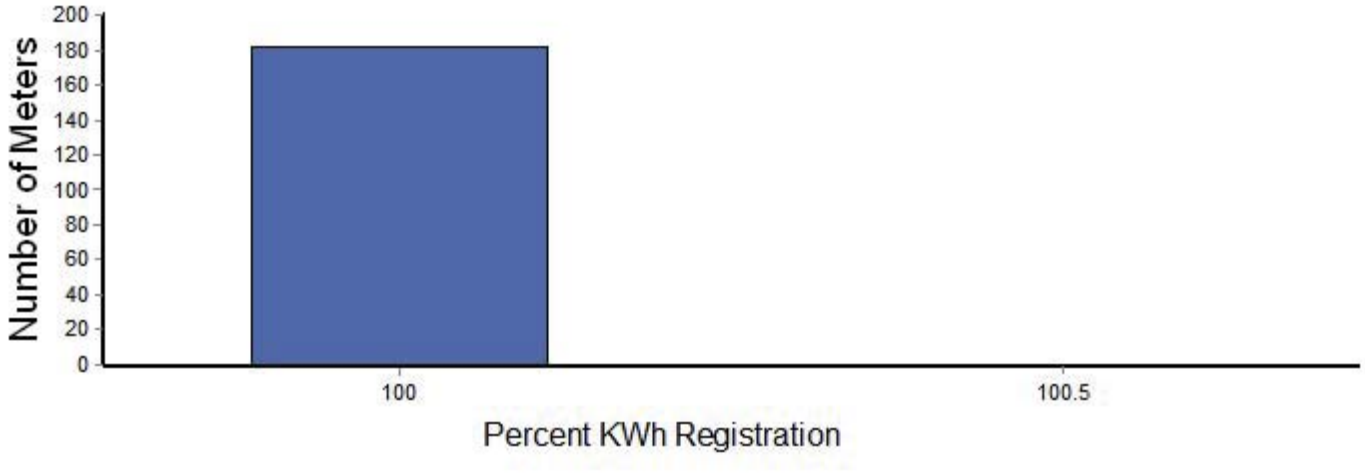
Number of Test 98 - 102%: 183

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-035 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-036 Summary

Group Information

Manufacturer: GENERAL ELECTRIC

Watthour Meter Type(s): I-210

PE Type Code(s): G42

Meter Classification: SSS1NI

Methodology: Double Sampling Ph 1

Population: 11016

Sample Size: 185

Weighted Average Test Summary

Mean: 99.968

Standard Deviation: 0.1057

Number of Test > 102%: 0

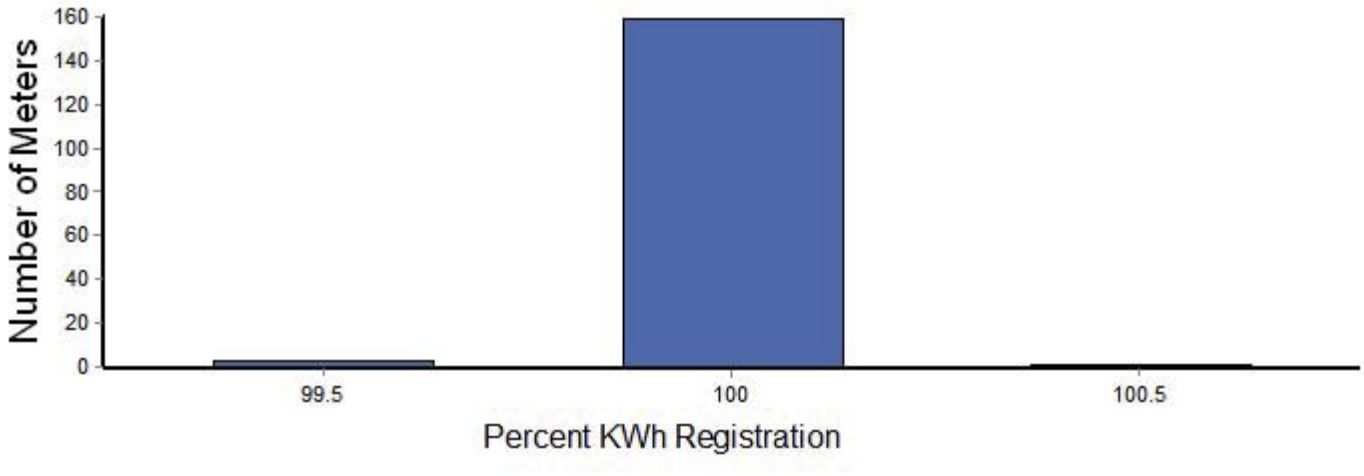
Number of Test 98 - 102%: 165

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-036 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-043 Summary

Group Information

Manufacturer: LANDIS & GYR/DUNCAN

Watthour Meter Type(s): FOCUS AXR

PE Type Code(s): C24

Meter Classification: STS3NI

Methodology: Double Sampling Ph 1

Population: 4425

Sample Size: 185

Weighted Average Test Summary

Mean: 99.8

Standard Deviation: 2.5511

Number of Test > 102%: 0

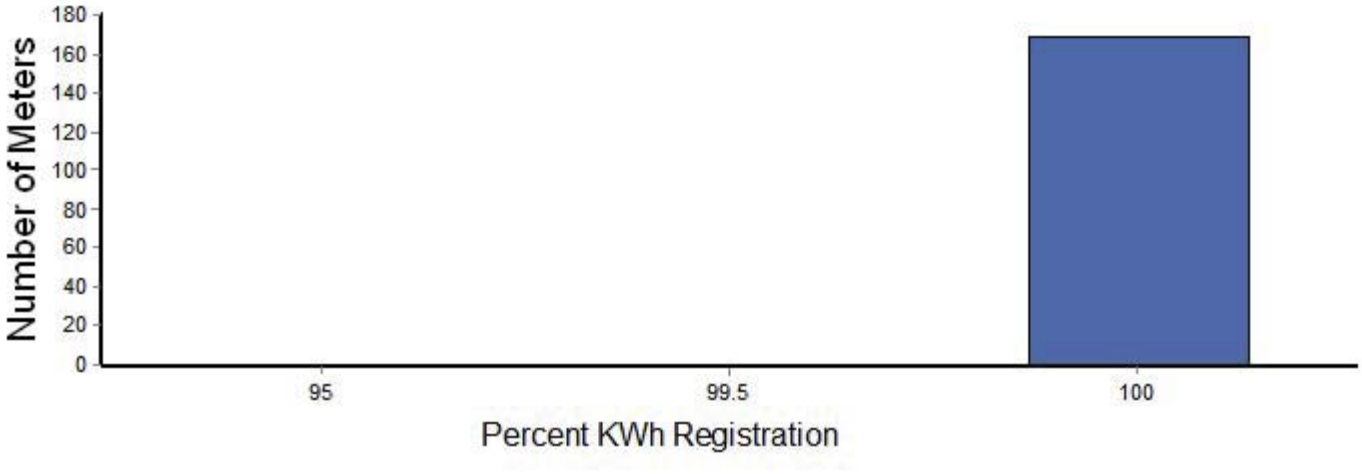
Number of Test 98 - 102%: 170

Number of Test < 98%: 1

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-043 Meter Accuracies



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2016 SELECTIVE SAMPLE

Watthour Meter Group S-044 Summary

Group Information

Manufacturer: LANDIS & GYR/DUNCAN

Watthour Meter Type(s): FOCUS AXR

PE Type Code(s): U19

Meter Classification: STS1NI

Methodology: Double Sampling Ph 1

Population: 23507

Sample Size: 185

Weighted Average Test Summary

Mean: 99.99

Standard Deviation: 0.0398

Number of Test > 102%: 0

Number of Test 98 - 102%: 166

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-044 Meter Accuracies

Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-046 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): CENTRON

PE Type Code(s): N16,N18,N19

Meter Classification: SSS*NI

Methodology: Double Sampling Ph 1

Population: 36738

Sample Size: 185

Weighted Average Test Summary

Mean: 99.993

Standard Deviation: 0.0881

Number of Test > 102%: 0

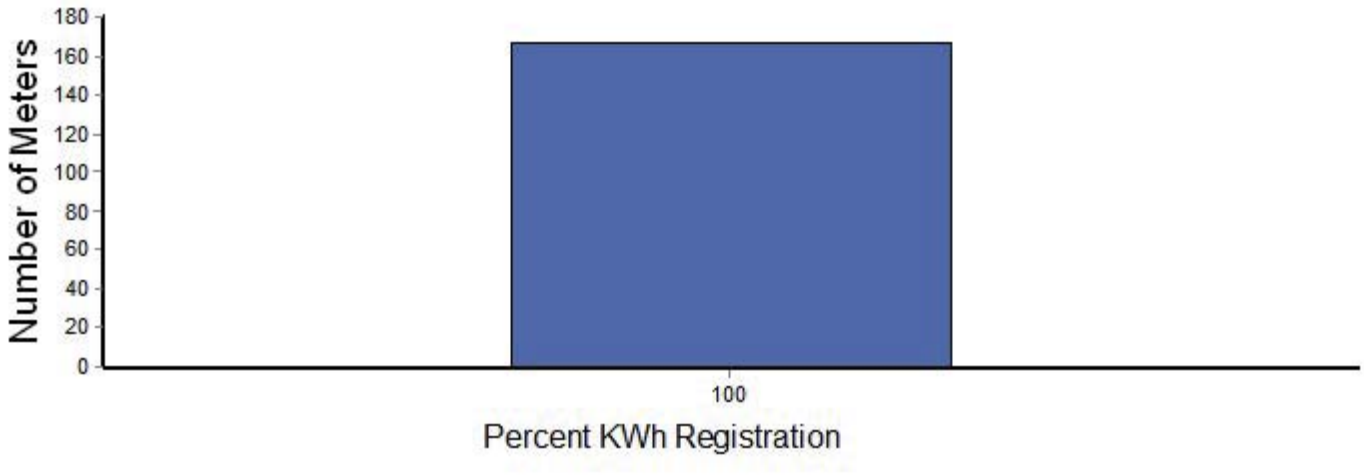
Number of Test 98 - 102%: 167

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-046 Meter Accuracies



Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-047 Summary

Group Information

Manufacturer: ITRON

Watthour Meter Type(s): SENTINEL

PE Type Code(s): N17

Meter Classification: SSS3NI

Methodology: Double Sampling Ph 1

Population: 11618

Sample Size: 185

Weighted Average Test Summary

Mean: 99.815

Standard Deviation: 2.1102

Number of Test > 102%: 0

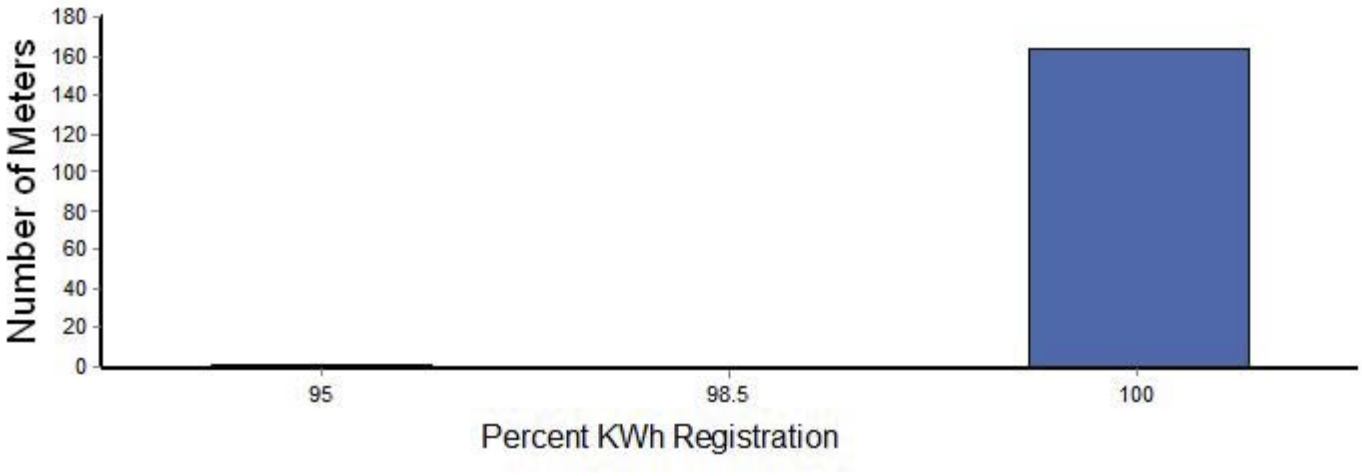
Number of Test 98 - 102%: 165

Number of Test < 98%: 2

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-047 Meter Accuracies



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2016 SELECTIVE SAMPLE

Watthour Meter Group S-051 Summary

Group Information

Manufacturer: ELSTER/ABB/WESTINGHOUSE

Watthour Meter Type(s): A3

PE Type Code(s): Y72,Y73,Y74,Y75,Y76,Y77,Y78,Y79,Y80,Y81,Y82,Y83,Y84,Y85,Y86,Y87,Y88,Y89

Meter Classification: S*S**I

Methodology: Double Sampling Ph 1

Population: 834

Sample Size: 184

Weighted Average Test Summary

Mean: 99.981

Standard Deviation: 0.0381

Number of Test > 102%: 0

Number of Test 98 - 102%: 178

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-051 Meter Accuracies

Duke Energy Progress

2016 SELECTIVE SAMPLE

Watthour Meter Group S-065 Summary

Group Information

Manufacturer: ELSTER/ABB/WESTINGHOUSE

Watthour Meter Type(s): A3

PE Type Code(s): H42,H45,H46,H47,H48,H49,H50,H51,H54,H55,H56,H57,H58,H59,H60,H61

Meter Classification: STS1*I

Methodology: Double Sampling Ph 1

Population: 1545

Sample Size: 186

Weighted Average Test Summary

Mean: 99.994

Standard Deviation: 0.0508

Number of Test > 102%: 0

Number of Test 98 - 102%: 186

Number of Test < 98%: 0

Group Test Summary

This Group PASSES the Sample test since the number of fast watthour meters is less than 2

Histogram of Group S-065 Meter Accuracies